California Department of Transportation Division of Maintenance

Structure Maintenance and Investigations

 B_{RIDGE}

INSPECTION

Records

I NFORMATION

System

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R20.7/R22.1, 307 368 06 Fre 41,99 REGISTERED ENGINEER - CIVIL 1<u>-22-96</u> PLANS APPROVAL DATE

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SOUND WALL LAYOUT

SOUND WALL ON BRIDGE

LOG OF TEST BORINGS

SOUND WALL ON RETAINING WALL

23.

24.

25.

26.

27.

28.

STANDARD PLANS DATED JULY 1992

TITLE GENERAL PLAN INDEX TO PLANS DECK CONTOURS FOUNDATION PLAN ABUTMENT LAYOUT NO.1 ABUTMENT LAYOUT NO.2 ABUTMENT LAYOUT NO.3 ABUTMENT LAYOUT NO.4 ABUTMENT DETAILS NO.1 ABUTMENT DETAILS NO.2	*	80-5 80-13 82-3 83-1 83-8 '86-21 87-1 88-5	BRIDGE DE BRIDGE DE 16" CAST-IN-I RETAINING RETAINING JOINT SEAL BOX GIRDEJ CAST-IN-PLJ CONCRETE	TAILS DRILLED-HOLE CONCRI WALL TYPE I WALL DETAILS NO.I . (MAXIMUM MOVEMEN	ETE PILE T RATING DER DETA	• 2) VLS
ABUTHENT DETAILS NO.3 ABUTHENT DETAILS NO.4	1	305.40	8	305.45	15	304.88
TYPICAL SECTION NO.1 TYPICAL SECTION NO.2	2	305.56	9	305.74	16	305.16
GIRDER LAYOUT NO.I	 	305.57	10	305.74	17	305.15
GIRDER LAYOUT MO.2 GIRDER REINFORCEMENT MO.1	3	↓	11	306.46	18	306.02
GIRDER REINFORCEMENT NO.2	4_	306.11	12	307.13	19	307.07
4 © COMMUNICATION CONDUIT SLOPE PAVING - FULL SLOPE	5	306.63			↓ _'_	
CONCRETE BARRIER TYPE 27 (MOD)	6	306.65	13	307.16	20	307.09
STRUCTURE APPROACH TYPE II (305) STRUCTURE APPROACH DRAINEGE DETAILS	7	306.72	14	307.30	21	307.35
PC P/S CONCRETE DECK PANEL FOR P/S GIRDER	ļ					

			PILE DAT	A - CIDH CONCRE	TE PILES	
	LOCATION		DIAMETER	DESIGN LOADING (SERVICE LOAD)	NOMINAL RESISTANCE COMPRESSION	SPECIFIED TIP ELEVATION
Left		Abulment	<i>16</i> °	70 Tons	280 Klps	244
Bridge	Abut I	RetWall	16"	70 Tans	280 Klps	248
		Abulmort	16"	70 Tons	280 Kips	244
	Abut 2	RetWall	16°	70 Tons	280 Kips	248
Right	Abuli	ment I	16"	70 Tans	280 Klps	244
rugur Bridge	Abutn	ent 2	<i>16</i> °	70 Tons	280 Klps	244

GENERAL NOTES LOAD FACTOR DESIGN

BRIDGE DESIGN SPECIFICATIONS DESIGN:

(1983 AASHTO with Interims and Revisions by CALTRANS)

Includes 35 psf for future wearing surface. DEAD LOAD:

LIVE LOADING:

HS20-44 and alternative and permit design load.

SEISMIC

Peak Rock Acceleration = 0.19 LOADING:

Depth of Alkuvium > 150 ft

REINFORCED

fy = 60,000 psi CONCRETE:

 $f'_{\alpha} = 3,250 \text{ psi}$

n = 9

Transverse Deck Slabs (Working Stress Design)

f_s = 20,000 psi f_c = 1,200 psi

n = 10

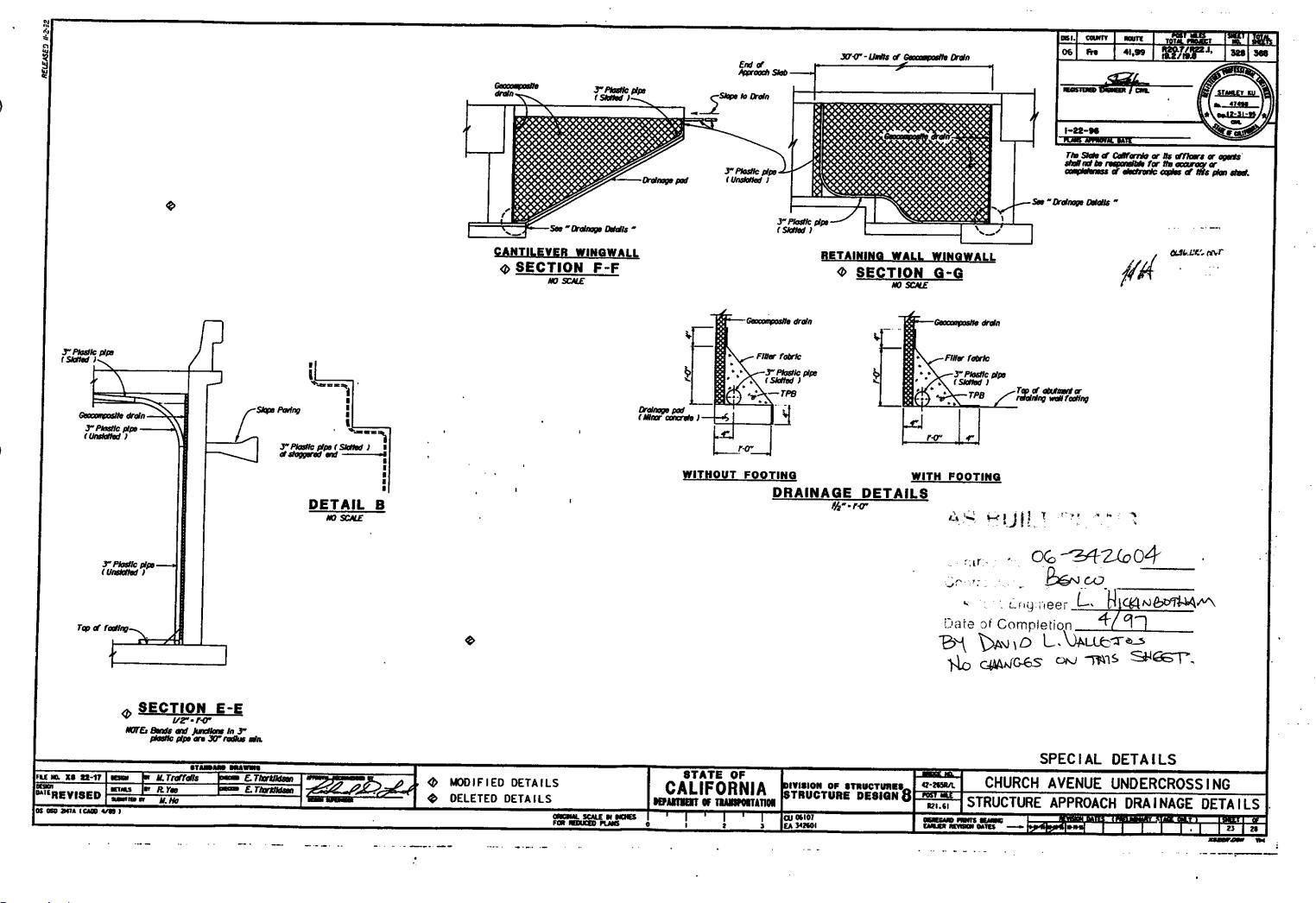
PRESTRESSED

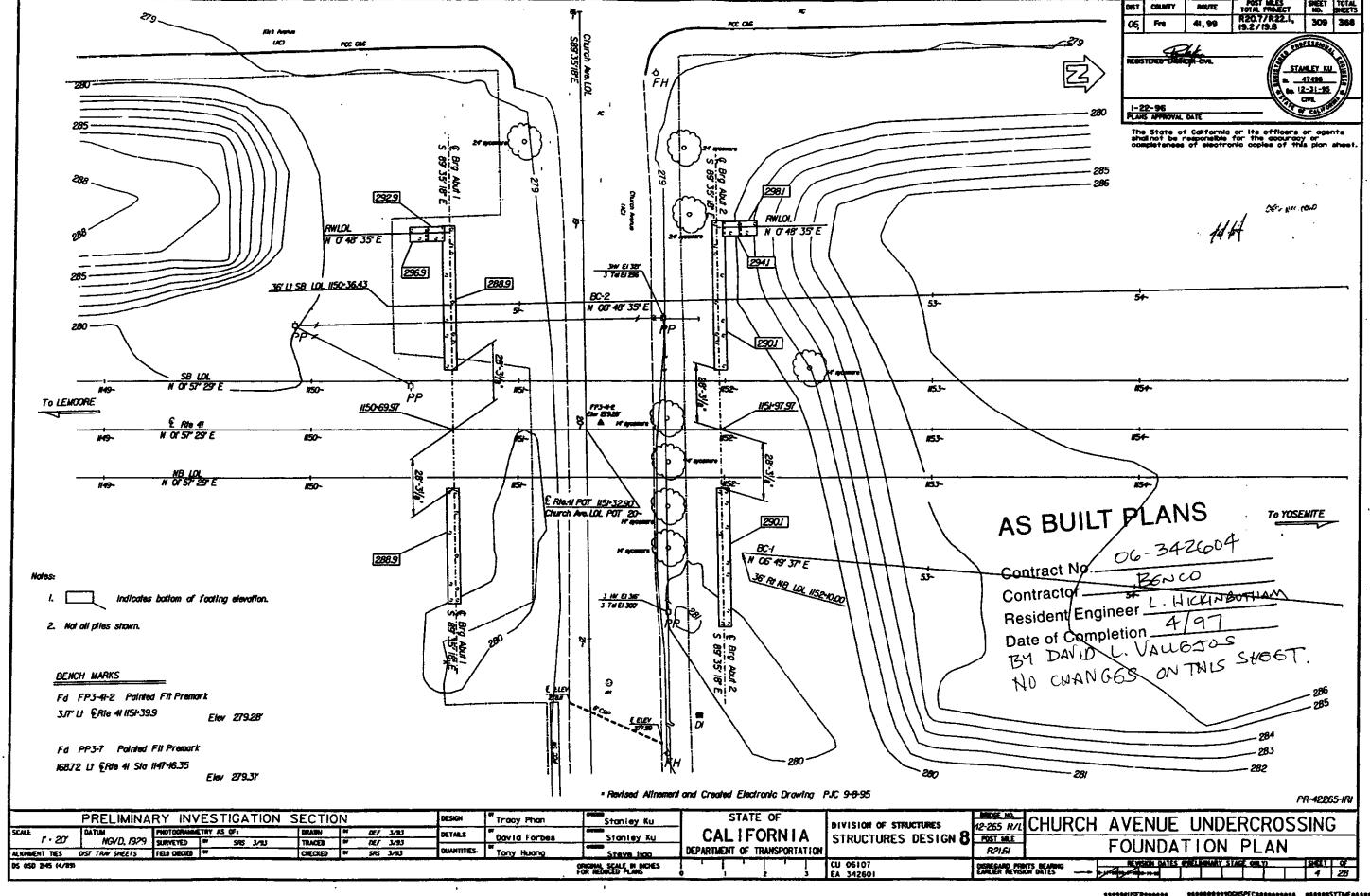
See "Prestressing Notes" CONCRETE:

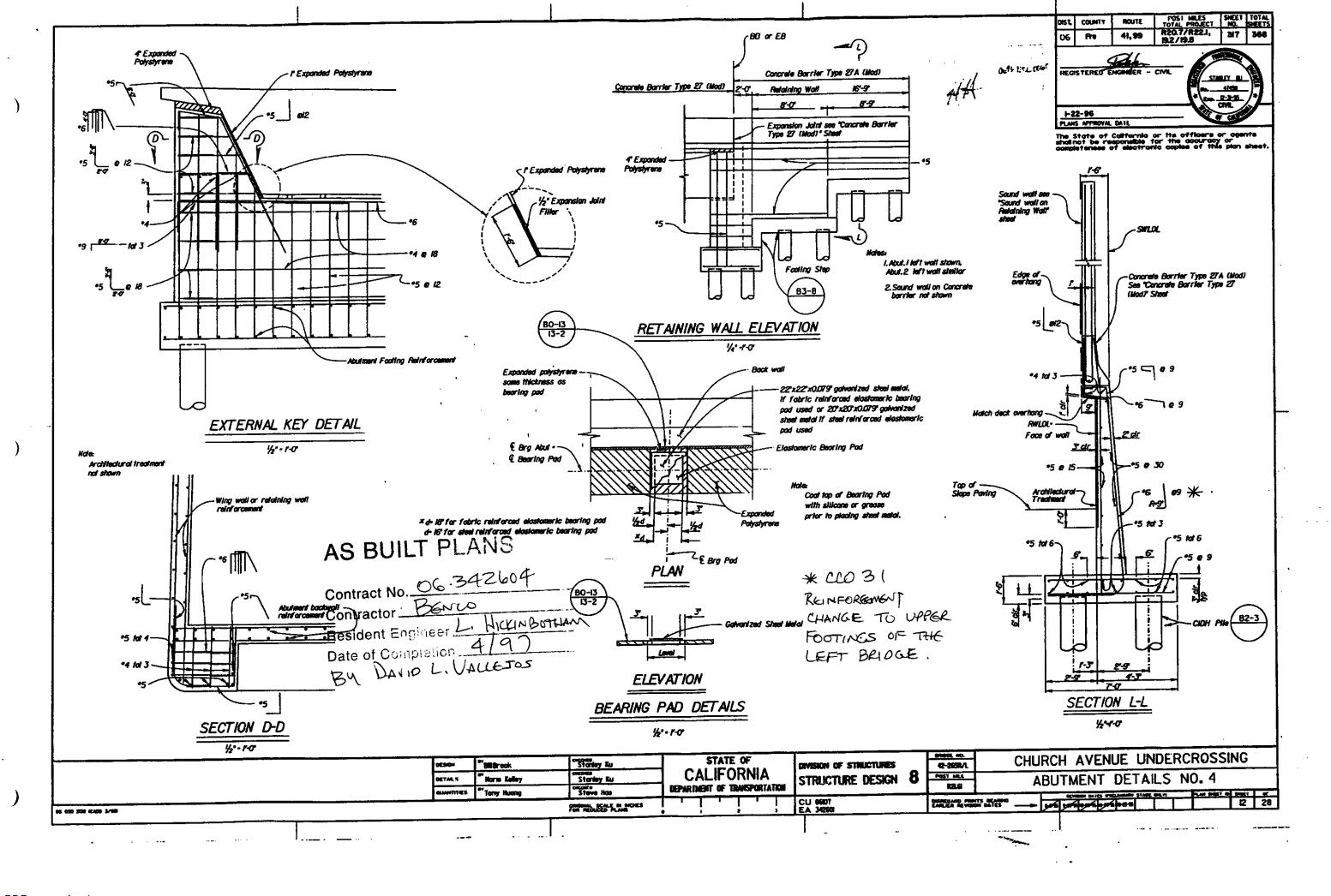
AS BUILT PLANS

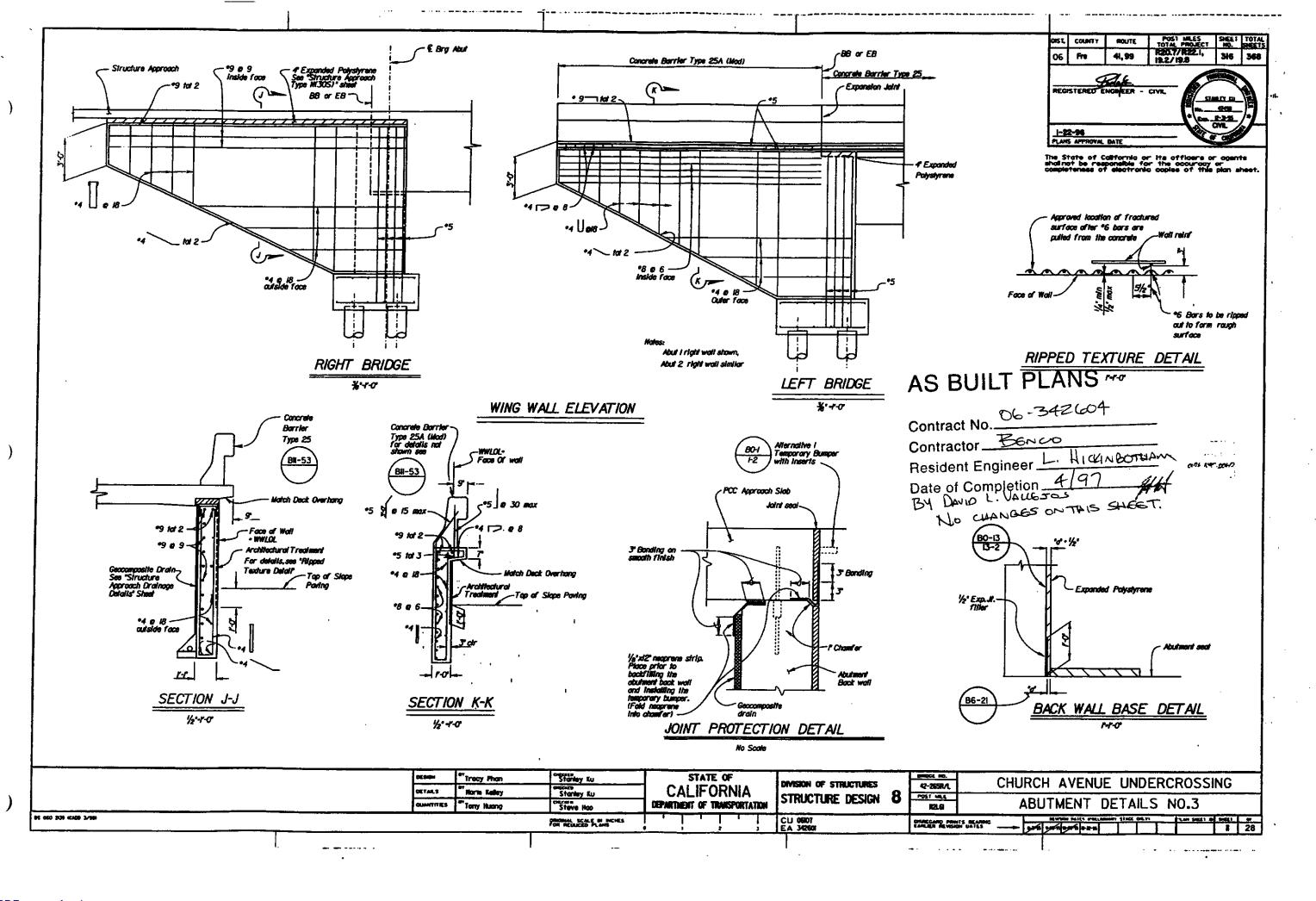
Contract No. OG-342604
Contractor Banco Resident Engineer L. HICKNEUTRAM Date of Completion 4/97
BY DAVID L. VALLETOS

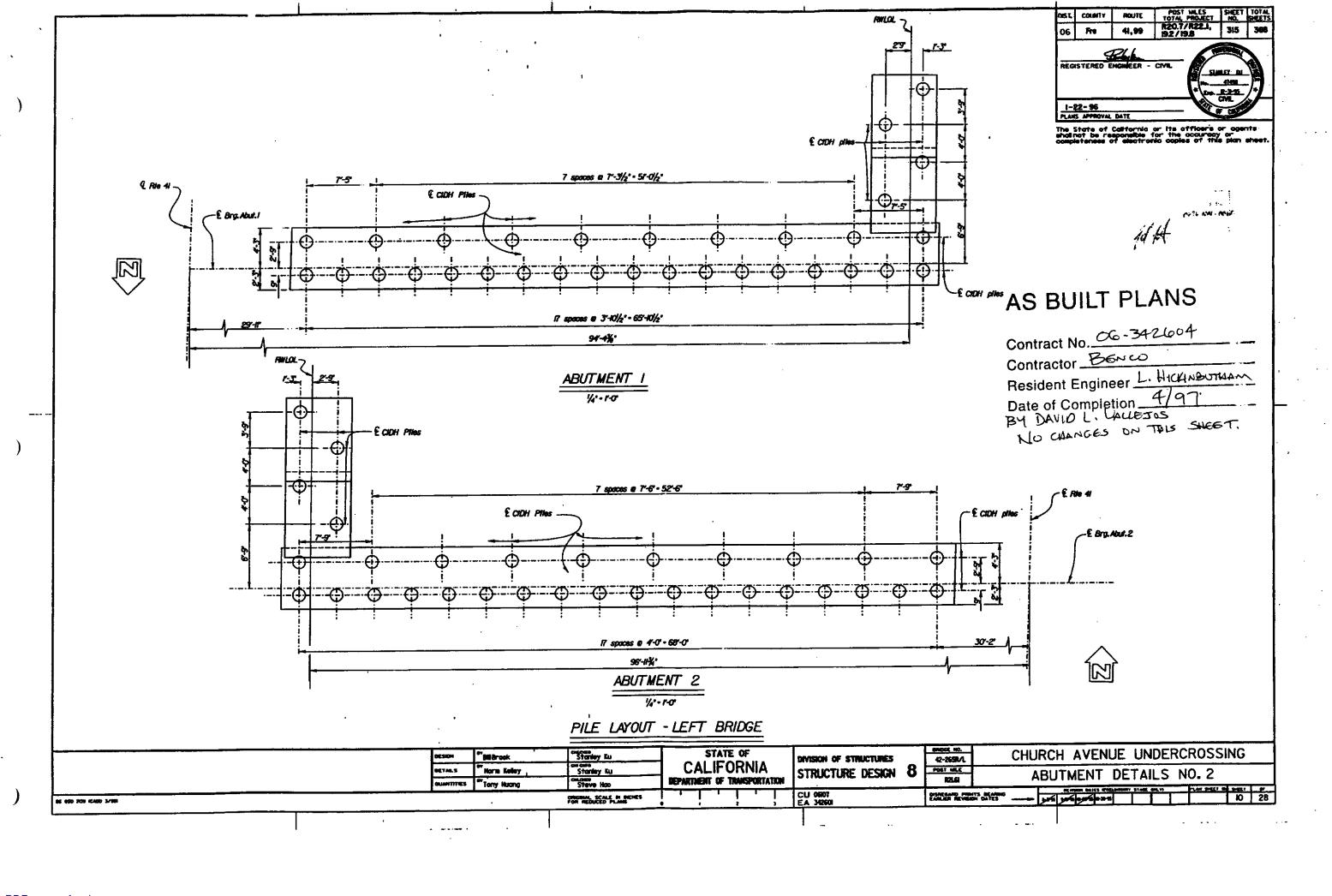
DESIGN	Trocy Phon	Storiey Tu		DIVISION OF STRUCTURES	~ [42-265R/L	CHURCH AVENUE UNDERCROSSING
DETAILS	Norm Kelley	Stanley ku	DEPARTMENT OF TRANSPORTATION	STRUCTURE DESIGN	'	R2LGI	INDEX TO PLANS
QUANTITIES	Tany Huang	21648 100	JE MILES		-	KREGARD PRINT	TIS BEAFRING ALVESCON BATES OF THE PLAN SHEET OF
		ORIGINAL SCALE IN INCHES	2 3	CU 0607 EA 342601		ANCER NEVISION	

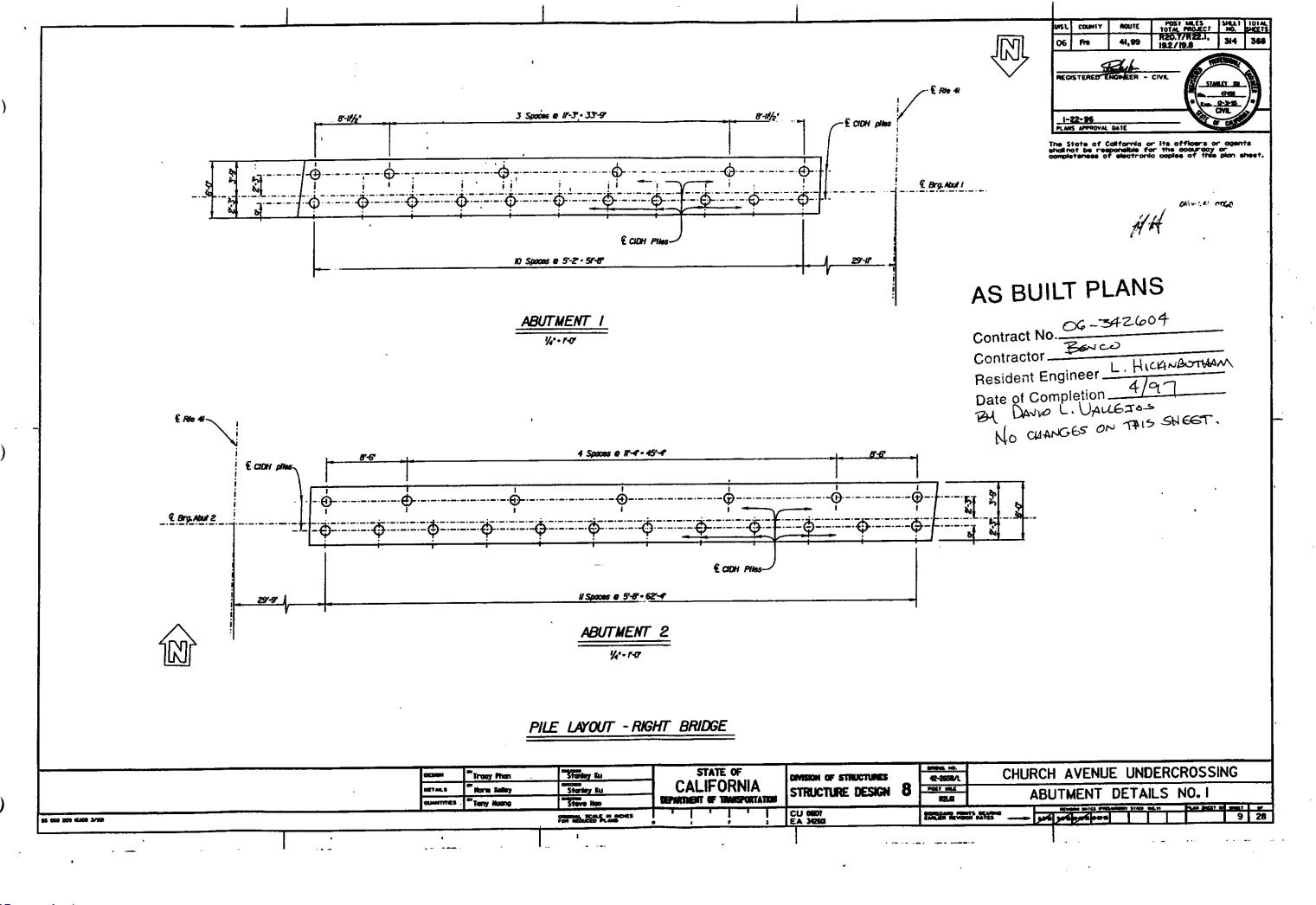


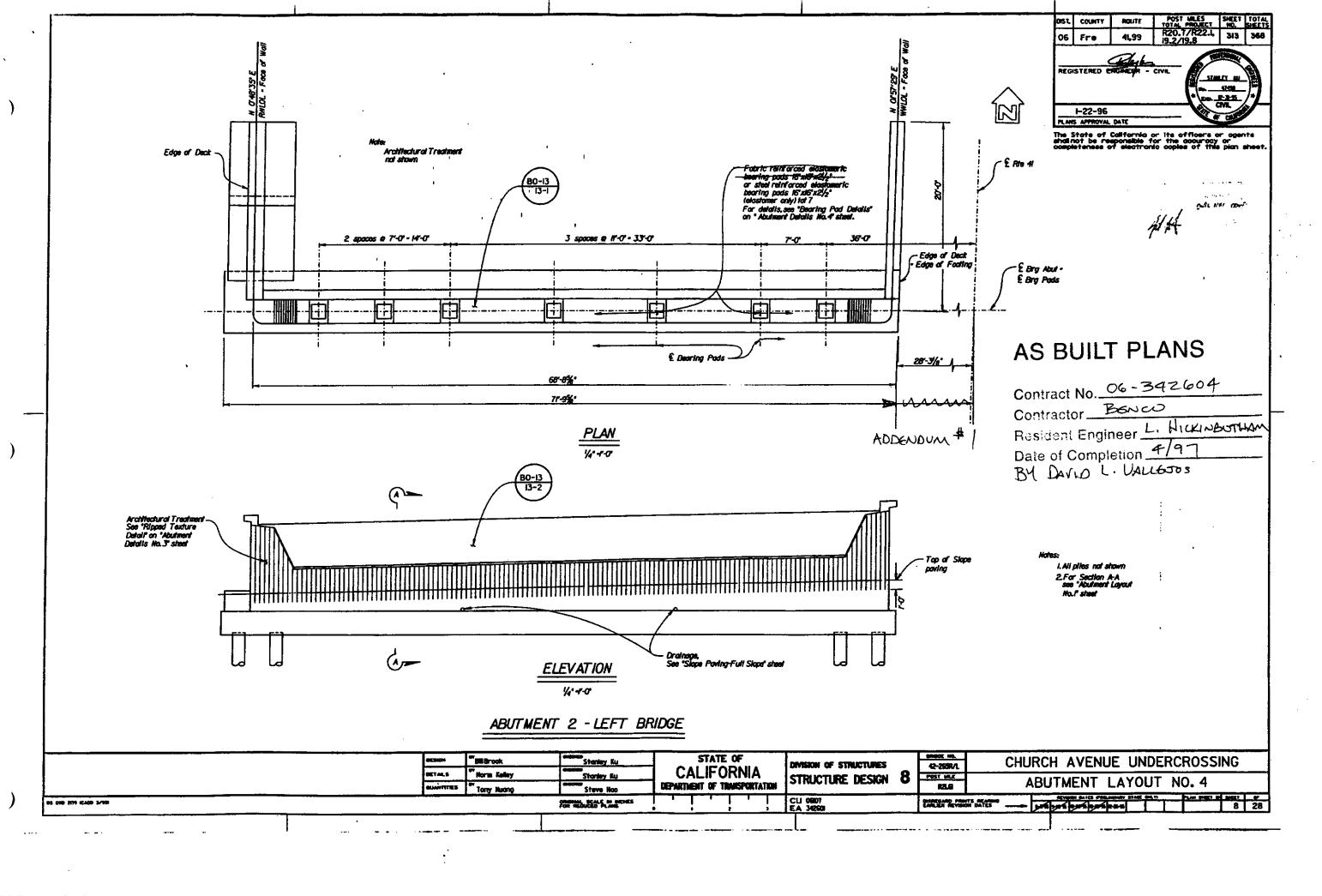


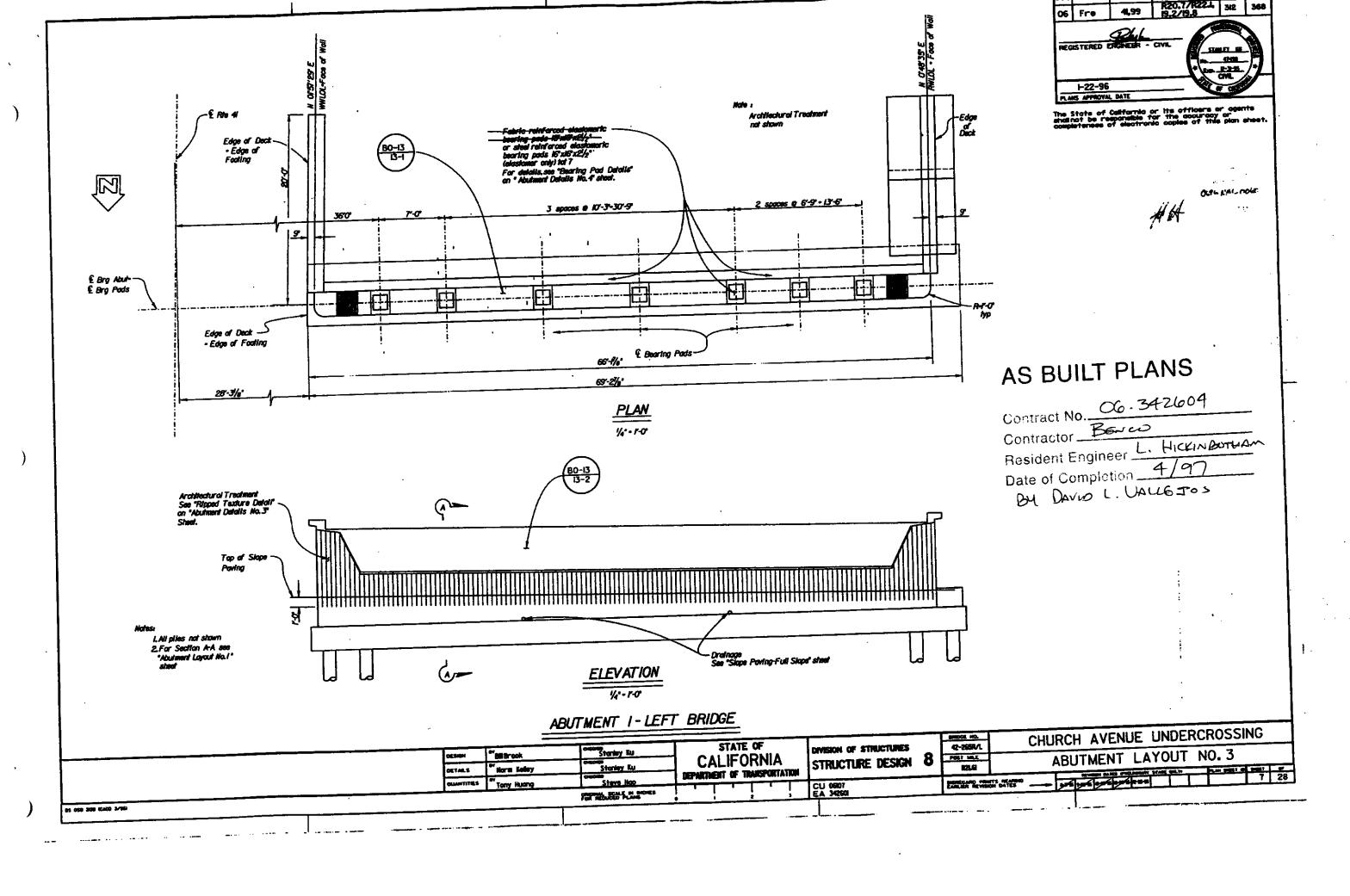


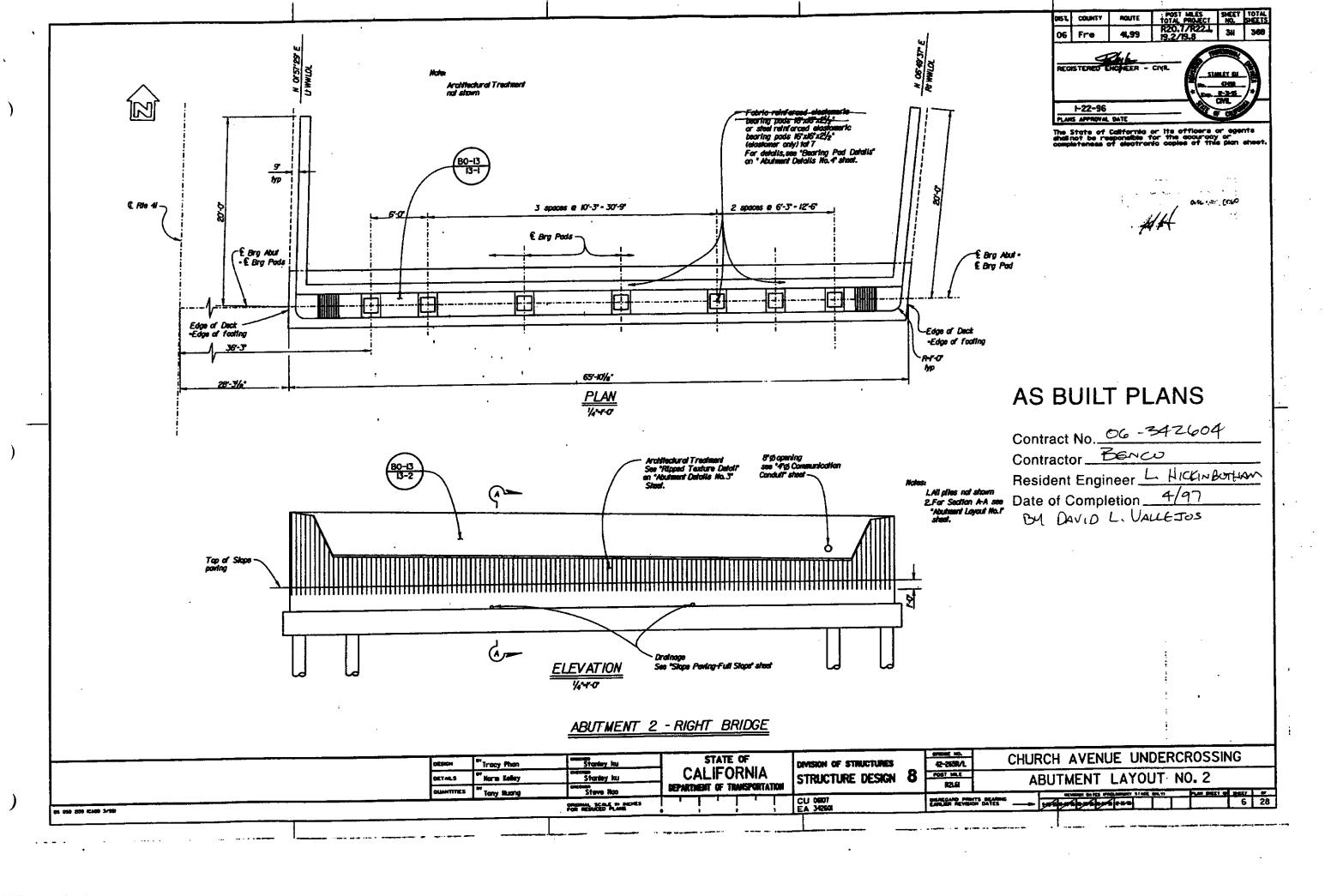


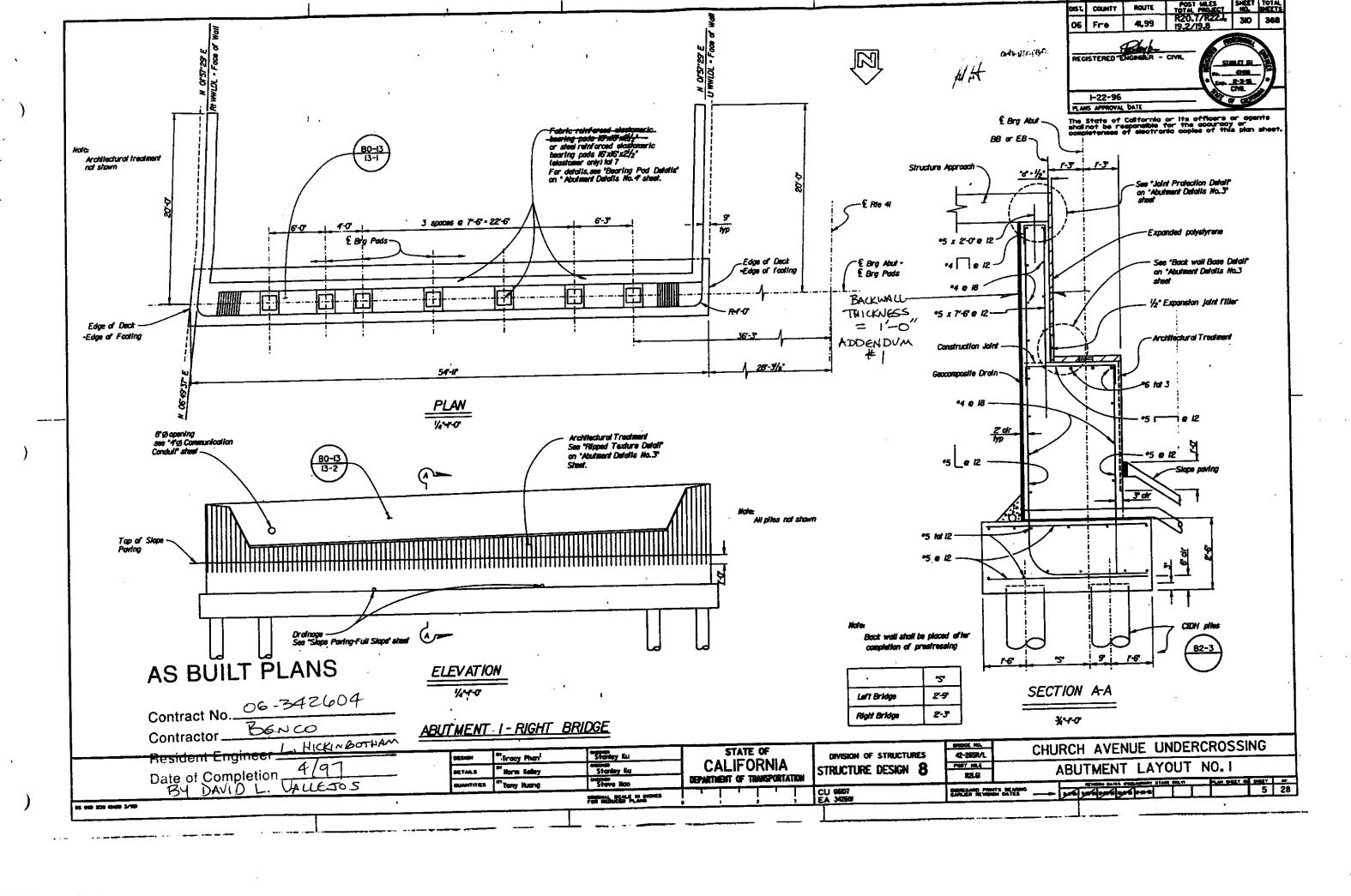


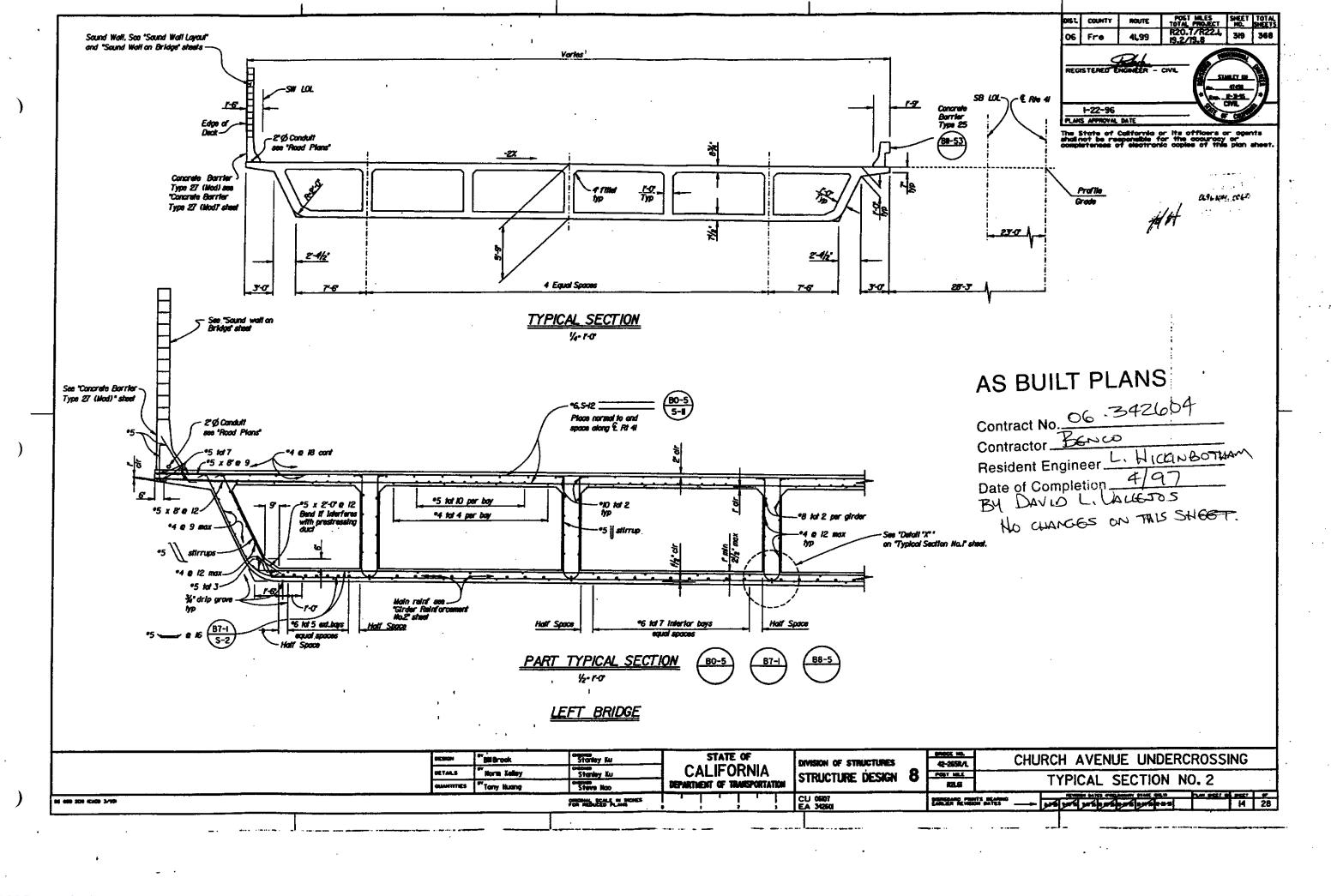


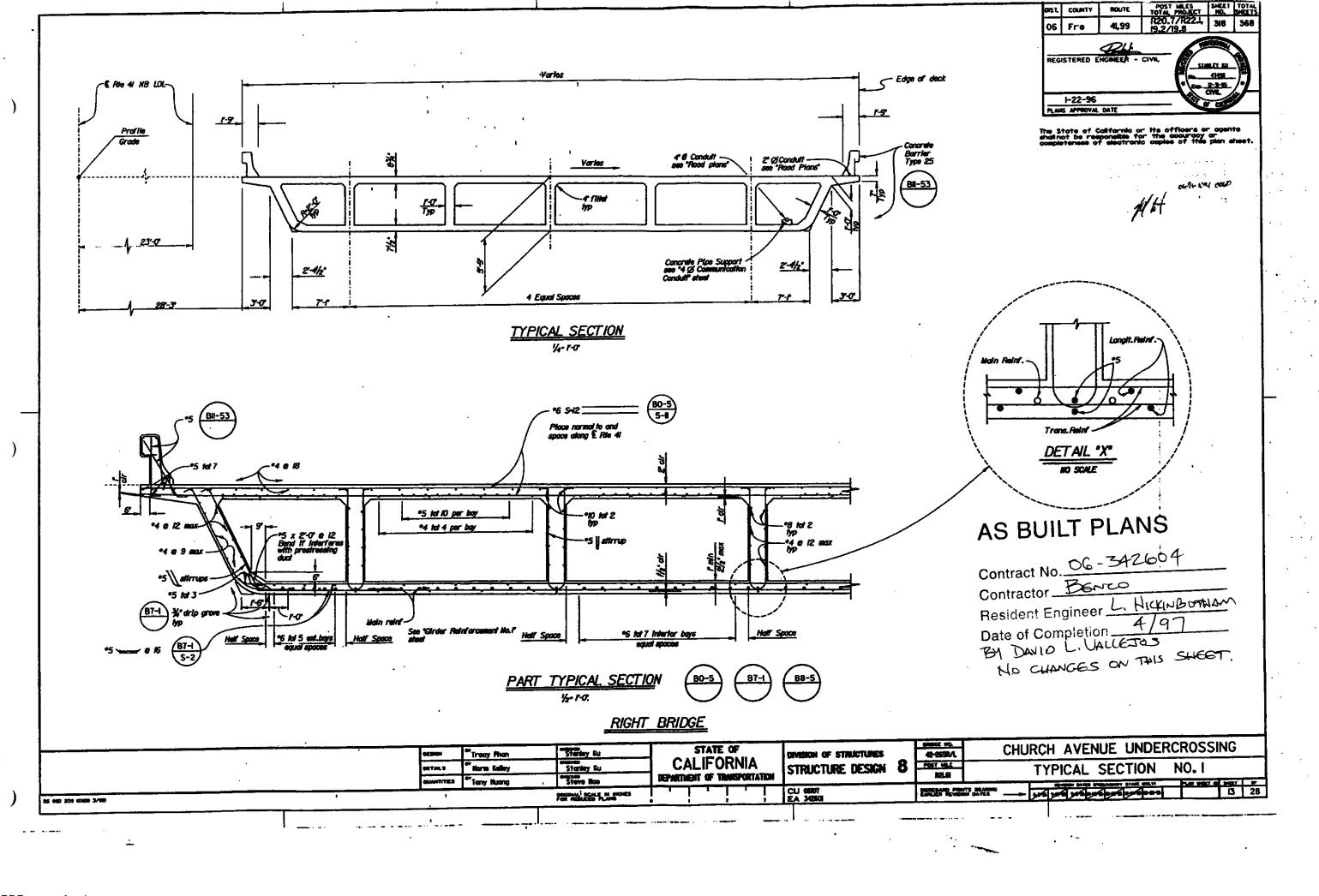


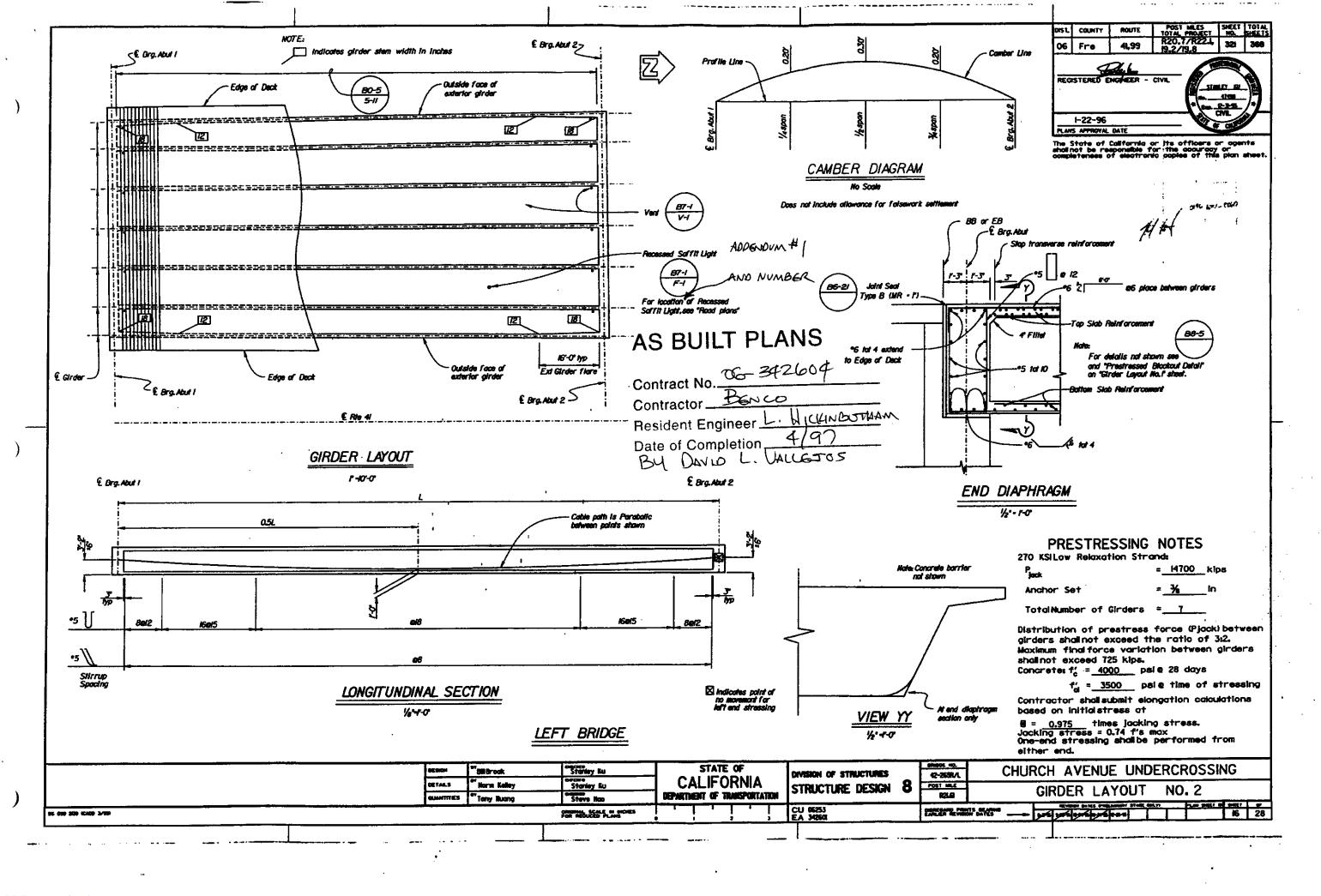


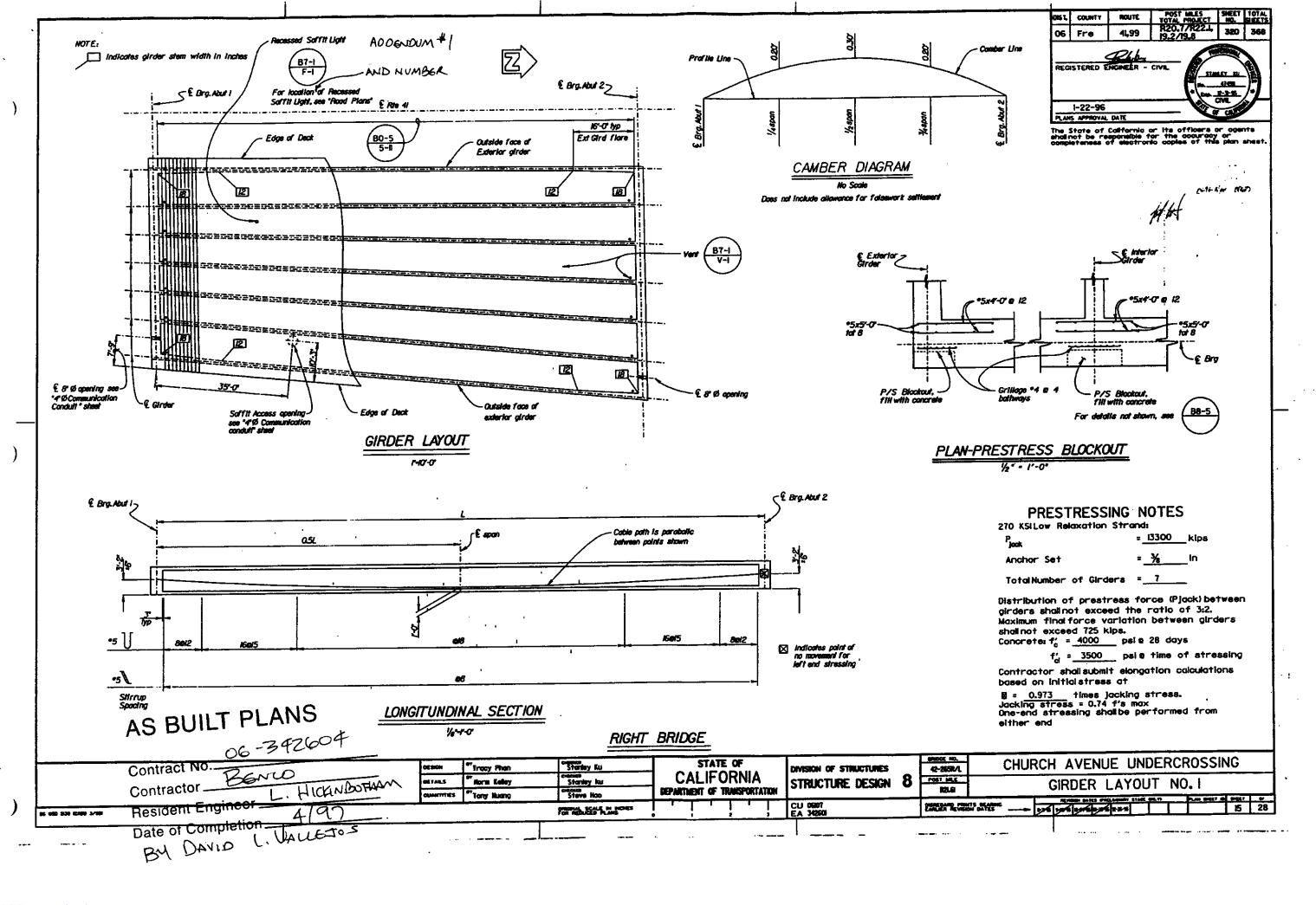


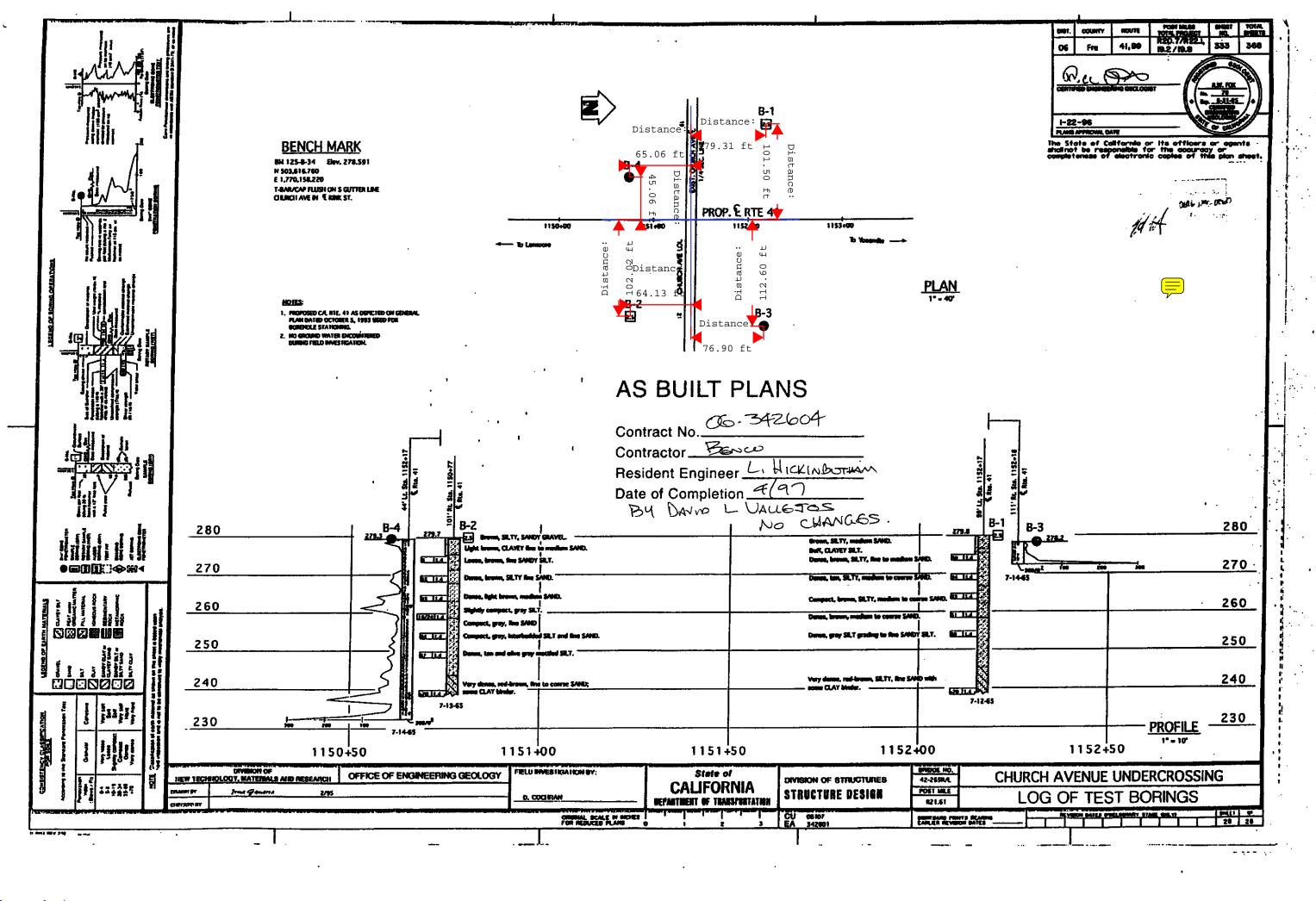


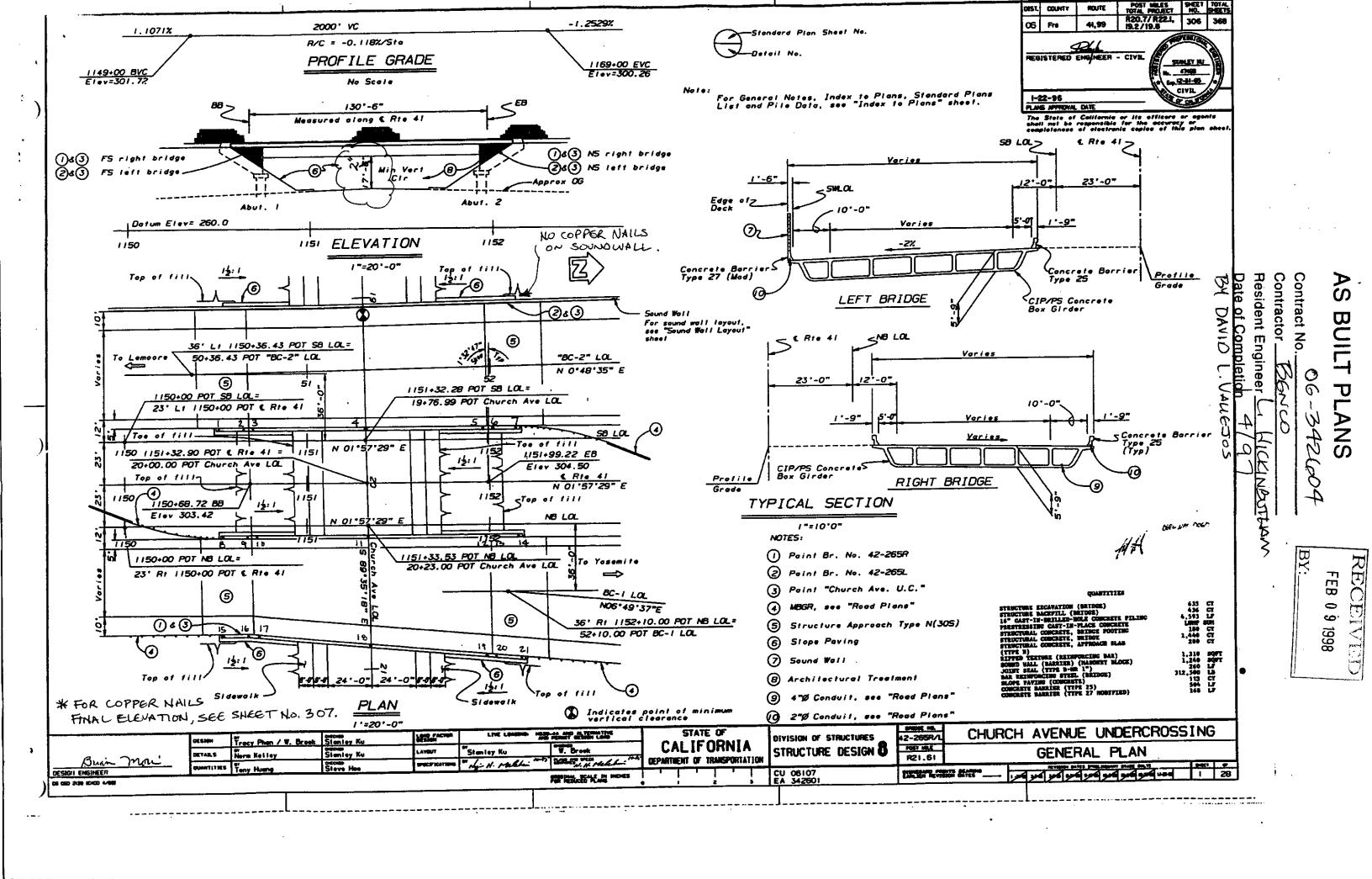


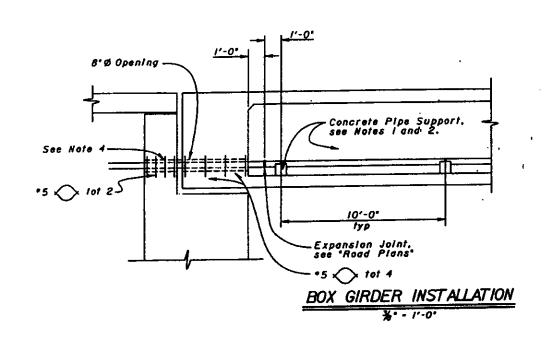






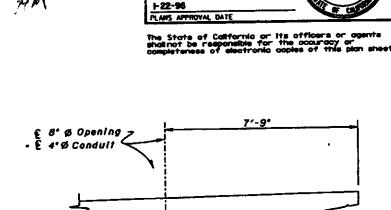


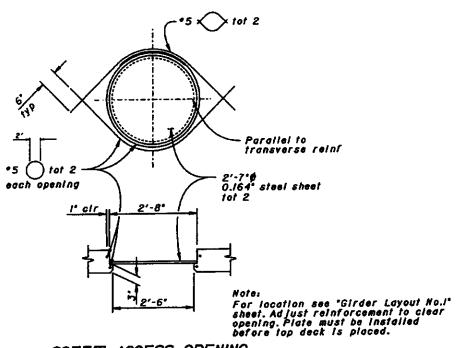




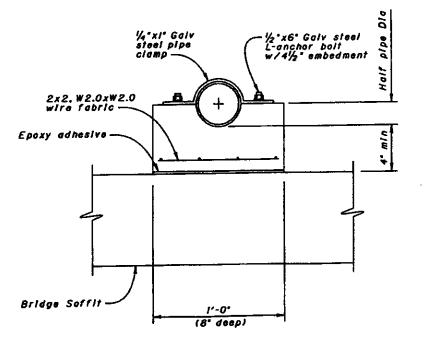
AS BUILT PLANS

Contract No. Co-3421004
Contractor Bonco Resident Engineer L. HICHWBOTHAM Date of Completion 4/97
BY DAVID L. VALLETOS NO CHANGES ON THIS SHEET.









CONCRETE PIPE SUPPORT 3" - 1'-0"



Notes:

- Pipe clamp shall be shimmed with steel washer plate to provide 1/4" clearance between pipe and clamp.
 Maximum spacing between pipe supports shall be 10" unless otherwise detailed on the plans.
 For details not shown, see "Road Plans".

- 4. Seal conduit at abutments with concrete or mortor.
 after tightly wrapping conduit with 2 layers of 15° building paper. Seal to be placed after prestressing is completed.

STRUCTURE DESIGN 8 PRIL 4" Ø COMMUNICATION CONDUIT	

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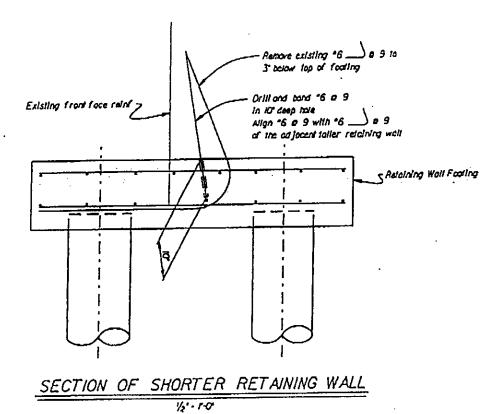
ROUTE

COUNTY

06

OPENING LOCATION





CONTRACT 1007-6 CHANG ORDER NO. 31 SHEET ZOF Z

